

METHOD AND APPARATUS FOR FABRICATING
GAS TURBINE ENGINES

ABSTRACT OF THE DISCLOSURE

A method facilitates fabricating a gas turbine engine. The method comprises coupling an engine casing circumferentially around a gas turbine engine. The method also comprises coupling an engine containment wrap to the gas turbine engine, such that the containment wrap circumscribes at least a portion of the gas turbine engine casing, wherein the containment wrap includes a plurality of layers coupled together such that a first layer is formed from at least three sheets coupled together such that the first sheet fibers are oriented substantially in a first direction, such that the second sheet fibers are oriented in a second direction that is offset approximately forty-five degrees from the first sheet, and such that the third sheet fibers are oriented substantially parallel to the first direction, and wherein the plurality of first sheet fibers are aligned substantially axially with the respect to the turbine engine.